

Progress Report 3
November 6, 2009 through December 4, 2009
for
West Riser Tide Gate Sediment Removal Action
Wood-Ridge and Carlstadt, New Jersey

(USEPA No. NJD980529879)

December 21, 2009

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Section 1 – Introduction

This progress report for the West Riser Tide Gate Sediment Removal Action located in the Boroughs of Wood-Ridge and Carlstadt, New Jersey summarizes the status of remedial actions being performed as described in the West Riser Sediment Removal Action Work Plan (SRAWP), approved by the United States Environmental Protection Agency (USEPA) on September 9, 2009. The progress report covers the period from November 6, 2009 and December 4, 2009. The progress report is being submitted pursuant to the Administrative Consent Order (ACO) between Morton International, Inc. and the USEPA as well as the monthly progress reporting requirements of the SRAWP. This report has been prepared in a similar format as that used for the remedial action underway at the adjacent Ventron/Velsicol site.

The components of the remedial action presented in the SRAWP are as follows:

- Cofferdam construction
- By-pass pumping system installation and operation
- Monitoring
- Sediment removal
- Cofferdam removal
- By-pass pumping system breakdown; and
- Site restoration

The progress report is organized as follows:

- Section 1 – Introduction;
- Section 2 – Remedial Actions Summary;
- Section 3 – Permitting Application Status; and
- Section 4 – Sampling Results and Waste Generated

Section 2 – Remedial Actions Summary

2.1 Remedial Actions Status

This section summarizes the status of remedial actions at the Site for the reporting period. Table 1, attached, provides a summary of remedial actions and the status of each. Remedial actions performed during this period include:

- **Related Site Activities**
 - **Decontamination and Demobilization**
 - The majority of site equipment was decontaminated and taken off-site. A limited amount of equipment will remain onsite for sediment load out.

2.2 Deviations and Modifications

No deviations from or modifications to the SRAWP occurred during this reporting period.

2.3 Remedial Actions to be Performed Next Period

The following remedial actions are scheduled to be performed during the next reporting period (December 4, 2009 to January 1, 2010):

- **Related Site Activities**
 - **Sediment Disposal**
 - Additional analysis of the stockpiled sediments will be performed to meet the requirements of the selected disposal facility.
 - Excavated sediment will be taken off-site to a waste facility for disposal.

2.4 Schedule of Remedial Activities

The schedule of West Riser SRAWP remedial activities at the Site is provided in **Attachment 1**.

2.5 Problems or Delays

There were no problems or delays this period.

Section 3 – Permit Application Status

The permit application status for the project is presented in **Table 2**. A revised Bergen Country Soil and Erosion Control Permit was submitted during this period. This revision addresses rip-rap and grading changes in the area of the existing tide gate.

Section 4 – Sampling Results and Waste Generated

4.1 Sampling Results

This section summarizes sampling results obtained during the reporting period. Sampling was performed as part of the following programs:

- Construction Water Treatment Plant (CWTP) compliance testing;
- Total suspended solids and mercury (total and dissolved) analysis in Berry's Creek/West Riser; and
- Waste Characterization Testing.

Testing of treated water from the CWTP was performed in accordance with permit number SRP PI G000004547 dated February 9, 2009. This testing is required on a weekly basis when the plant is discharging effluent. Additionally, testing was performed as required before contact water from the West Riser Sediment Removal Action can be treated and discharged. Testing results are included in **Attachment 2**.

Testing of Berry Creek/West Riser surface water was conducted according to the water monitoring guidelines of the SRAWP. During construction, samples were taken at the downstream location only. Low water levels upstream of the site prevented sampling of the upstream location during construction. Total suspended solids and mercury concentration (total and dissolved) data were recorded. One water column sample from two locations was taken during ebb and flow tides. The samples were tested for low level mercury and total suspended solids using EPA method 1631 and 160.2 respectively. A baseline monitoring period was established from August 12, 2009 to August 31, 2009 while the construction monitoring period ran from September 1, 2009 through present. A table summarizing the testing results is included as **Table 3**.

Additional waste characterization testing was performed on an approximately 500 cubic yard portion of the material known as stockpile 03. A representative sample of this material, named 20091009SP-03V0-1UN, was taken during a previous period and included in progress report 2. The sample indicated a pH equal to 12.5, which would classify the waste as hazardous. Five additional samples were taken from stockpile 03 during this reporting period. Each sample consisted of four composite locations inside an approximately 100 cubic yard portion of stockpile 03. The samples were analyzed for pH (method SW846 9045C) only by Test America in Pittsburgh, PA. The analysis found that the pH of stockpile 03 was between 11.7 and 12.0. Based on sample 20091009SP-03V0-1UN and these five additional samples the waste in stockpile 03 is considered non-hazardous. The results of this testing are included as **Attachment 3**.

4.2 Waste Generated

There was no waste generated during this reporting period.

Tables

Table 1 - Remedial Actions between November 6, 2009 and December 4, 2009
West Riser Tide Gate Sediment Removal Action
Wood-Ridge and Carlstadt, New Jersey

Remedial Action	Description	Scheduled this Period?	Status	Comments
Cofferdam Construction	Increase Height of Downstream Cofferdam by 6"	No	Completed last period	The 6-inch extension of the downstream cofferdam was completed this period.
	Cofferdam Removal	No	Completed last period	The upstream and downstream cofferdam were removed.
Installation of by-pass pumping systems	Pump installation	No	Completed last period	Installation of four 12 inch pumps and two 24-inch diameter pumps was completed.
Operation of by-pass pumping systems	Operation of pump system to by-pass space between cofferdams	No	Completed last period	The by-pass system was in operation this period.
Removal of by-pass pumping systems	Removal of pump system	No	Completed last period	The by-pass system was removed upon the completion of backfilling
Sediment removal and Backfilling	Sediment Excavation	No	Completed last period	Excavation of all zones was completed this period.
	Backfilling excavated zones	No	Completed last period	Backfilling of all zones was completed this period
Site Restoration	Site Restoration	No	Completed last period	Topsoil and seed were placed, and erosion controls were implemented.
Related Site Activities	Decontamination and Demobilization	Yes	Ongoing	Site equipment was decontaminated for sediment contaminants and taken off-site. A limited amount of equipment will remain onsite for sediment load out.

Table 2 - Permit Application Status as of December 4, 2009
 West Riser Tide Gate Sediment Removal Action
 Wood-Ridge and Carlstadt, New Jersey

Permit Title	Permit Number	Reviewing Agency	Agency Contact	Date Submitted	Approval Date	Expiration Date	Comments
Freshwater Wetlands Permit	FWW 090001	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
Waterfront Development Permit	CDT 090001	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
Flood Hazard Area Permit	CDT 090002	LURP/ Dredging Office	Gary Nickerson	6/15/2009	NA	NA	Awaiting approval
FAA Permit	630996-109614384	FAA	Robert Alexander	4/29/2009	6/5/2009	12/5/2010	
Tidelands Instrument	0200-05-0002.3	Bureau of Tidelands Management	Bill Kresnosky	7/23/2009	NA	NA	Awaiting approval
Soil and Erosion Control Permit	09-B10212	Bergen County Soil	Angelo Caruso	7/15/2009	9/29/2009	NA	
Soil and Erosion Control Permit Rev. 1	09-B10212	Bergen County Soil	Angelo Caruso	11/25/2009	NA	NA	Awaiting approval

Table 3 - Berry's Creek/West Riser Surface Water Sampling Results (Mercury and Total Suspended Solids)
West Riser Tide Gate Sediment Removal Action
Wood-Ridge and Carlstadt, New Jersey

SURFACE WATER MONITORING STATION	PROJECT PHASE	SAMPLE ID	TIDE	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (Ft)	MERCURY TOTAL (ng/L)	MERCURY DISSOLVED (ng/L)	TOTAL SUSPENDED SOLIDS (mg/L)
SW-01	Baseline	20090812SW-01V0-1EUFD	Ebb	8/12/2009	14:00	0-1	774	NA	30
SW-01	Baseline	20090812SW-01V0-1EUN	Ebb	8/12/2009	14:00	0-1	1040	31.1	31
SW-01	Baseline	20090812SW-01V0-1FUN	Flood	8/12/2009	11:35	0-1	773	20.2	27
SW-01	Baseline	20090813SW-01V0-1EUN	Ebb	8/13/2009	15:40	0-1	860	21.5	23
SW-01	Baseline	20090813SW-01V0-1FUN	Flood	8/13/2009	12:35	0-1	694	23.4	24
SW-01	Baseline	20090818SW-01V0-1EUFD	Ebb	8/18/2009	9:30	0-1	NA	183 J	NA
SW-01	Baseline	20090818SW-01V0-1EUN	Ebb	8/18/2009	9:30	0-1	1120 J	181 J	37 J
SW-01	Baseline	20090818SW-01V0-1FUN	Flood	8/18/2009	7:20	0-1	1540 J	279 J	55 J
SW-01	Baseline	20090819SW-01V0-1EUN	Ebb	8/19/2009	10:50	0-1	1210	107	21
SW-01	Baseline	20090819SW-01V0-1FUN	Flood	8/19/2009	7:30	0-1	1280	201	29
SW-01	Baseline	20090820SW-01V0-1EUN	Ebb	8/20/2009	11:00	0-1	722	62.1	18
SW-01	Baseline	20090820SW-01V0-1FUN	Flood	8/20/2009	7:55	0-1	1530	192	26
SW-01	Baseline	20090824SW-01V0-1EUN	Ebb	8/24/2009	15:05	0-1	766	137	15
SW-01	Baseline	20090824SW-01V0-1FUFD	Flood	8/24/2009	12:40	0-1	933 J	169	15
SW-01	Baseline	20090824SW-01V0-1FUN	Flood	8/24/2009	12:40	0-1	1420 J	227	18
SW-01	Baseline	20090824SW-01V3.4-3.5EUN	Ebb	8/24/2009	15:10	3.4-3.5	773	28	17
SW-01	Baseline	20090824SW-01V3.4-3.5FUN	Flood	8/24/2009	12:45	3.4-3.5	1180	227	19
SW-01	Baseline	20090825SW-01V0-1EUN	Ebb	8/25/2009	15:35	0-1	808	103	14
SW-01	Baseline	20090825SW-01V0-1FUN	Flood	8/25/2009	11:55	0-1	920	89.4	16
SW-01	Baseline	20090825SW-01V1.4-1.5FUN	Flood	8/25/2009	12:00	1.4-1.5	902	107	14
SW-01	Baseline	20090825SW-01V2.9-3.0EUN	Ebb	8/25/2009	15:40	2.9-3	781	98.6	14
SW-01	Baseline	20090827SW-01V0.4-0.5EUN	Ebb	8/27/2009	6:50	0.4-0.5	237	11.5 J	14
SW-01	Baseline	20090827SW-01V0.9-1.0FUN	Flood	8/27/2009	10:55	0.9-1	976	16 J	19
SW-01	Baseline	20090827SW-01V0-1EUN	Ebb	8/27/2009	6:45	0-1	185	13.2 J	12
SW-01	Baseline	20090827SW-01V0-1FUN	Flood	8/27/2009	10:50	0-1	1230	17.2 J	23
SW-01	Baseline	20090831SW-01V0-1ESUN	Ebb	8/31/2009	8:40	0-1	1160	233	13
SW-01	Baseline	20090831SW-01V0-1FSUN	Flood	8/31/2009	6:40	0-1	1230	239	13
SW-01	Baseline	20090831SW-01V1.9-2.0ESUN	Ebb	8/31/2009	8:45	1.9-2	938	218	11
SW-01	Baseline	20090831SW-01V1.9-2.0FSUN	Flood	8/31/2009	6:45	1.9-2	1100	233	13
SW-01	Construction	20090903SW-01V0-1EUN	Ebb	9/3/2009	11:00	0-1	797	1.1	29
SW-01	Construction	20090903SW-01V0-1FUN	Flood	9/3/2009	9:00	0-1	964	40.6	45
SW-01	Construction	20090904SW-01V0-1EUN	Ebb	9/4/2009	10:30	0-1	922 J	NA	26 J
SW-01	Construction	20090904SW-01V0-1FUN	Flood	9/4/2009	7:45	0-1	890 J	NA	34 J
SW-01	Construction	20090909SW-01V0-1EUN	Ebb	9/9/2009	14:25	0-1	910	10.2	23
SW-01	Construction	20090909SW-01V0-1FUN	Flood	9/9/2009	10:30	0-1	1090	11.6	41
SW-01	Construction	20090910SW-01V0-1EUN	Ebb	9/10/2009	15:30	0-1	1430	12.1	27
SW-01	Construction	20090910SW-01V0-1FUN	Flood	9/10/2009	11:00	0-1	1360	14.6	40
SW-01	Construction	20090915SW-01V0-1EUN	Ebb	9/15/2009	9:20	0-1	709	14.1 J	23
SW-01	Construction	20090915SW-01V0-1FUN	Flood	9/15/2009	16:20	0-1	2980	23.5 J	37
SW-01	Construction	20090917SW-01V0-1EUN	Ebb	9/17/2009	11:15	0-1	778	11.5	16

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Wood-Ridge and Carlstadt, New Jersey

SURFACE WATER MONITORING STATION	PROJECT PHASE	SAMPLE ID	TIDE	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (Ft)	MERCURY TOTAL (ng/L)	MERCURY DISSOLVED (ng/L)	TOTAL SUSPENDED SOLIDS (mg/L)
SW-01	Construction	20090917SW-01V0-1FUN	Flood	9/17/2009	7:30	0-1	1280	13.7	17
SW-01	Construction	20090922SW-01V0-1EUN	Ebb	9/22/2009	14:50	0-1	825	8.9	24
SW-01	Construction	20090922SW-01V0-1FUN	Flood	9/22/2009	11:05	0-1	1690	14	31
SW-01	Construction	20090923SW-01V0-1FUN	Flood	9/23/2009	10:10	0-1	170	5.1 J	11
SW-01	Construction	20090924SW-01V0-1EUN	Ebb	9/24/2009	16:10	0-1	1370	15.2 J	38
SW-01	Construction	20090924SW-01V0-1FUN	Flood	9/24/2009	12:00	0-1	10800	26.8 J	73
SW-01	Construction	20090929SW-01V0-1EVN	Ebb	9/29/2009	9:15	0-1	1480	15.8	14
SW-01	Construction	20091027SW-01V0-1EUN	Ebb	10/27/2009	7:15	0-1	858	20.4	13
SW-01	Construction	20091027SW-01V0-1FUN	Flood	10/27/2009	14:40	0-1	677	18.4	22
SW-01	Construction	20091029SW-01V0-1EUN	Ebb	10/29/2009	9:05	0-1	535	19.5	14
SW-01	Construction	20091029SW-01V0-1FUN	Flood	10/29/2009	15:20	0-1	511	16.4	8
SW-01	Post-Construction	20091103SW-01V0-1EUN	Ebb	11/3/2009	11:15	0-1	358	13.4	16
SW-01	Post-Construction	20091103SW-01V0-1FUN	Flood	11/3/2009	8:00	0-1	912	14.6	26
SW-01	Post-Construction	20091105SW-01V0-1EUN	Ebb	11/5/2009	12:00	0-1	544	9.2	10
SW-01	Post-Construction	20091105SW-01V0-1FUN	Flood	11/5/2009	8:50	0-1	1160	11.1	18
SW-01	Post-Construction	20091109SW-01V0-1EUN	Ebb	11/9/2009	15:50	0-1	1110	13.3	15
SW-01	Post-Construction	20091109SW-01V0-1FUN	Flood	11/9/2009	12:40	0-1	732	12.1	16
SW-01	Post-Construction	20091113SW-01 V0-1EUN	Ebb	11/13/2009	9:05	0-1	316	7.7	15
SW-01	Post-Construction	20091113SW-01 V0-1FUN	Flood	11/13/2009	15:20	0-1	1750	10.4	42
SW-01	Post-Construction	20091116SW-01V0-1EUN	Ebb	11/16/2009	10:45	0-1	598	12	12
SW-01	Post-Construction	20091116SW-01V0-1FUFD	Flood	11/16/2009	8:00	0-1	1010	14.9	14
SW-01	Post-Construction	20091116SW-01V0-1FUN	Flood	11/16/2009	8:00	0-1	931	14.6	15
SW-01	Post-Construction	20091120SW-01V0-1EUN	Ebb	11/20/2009	13:00	0-1	404	10.6	3 J
SW-01	Post-Construction	20091120SW-01V0-1FUN	Flood	11/20/2009	10:00	0-1	1030	12.7	11
SW-01	Post-Construction	20091123SW-01V0-1EUN	Ebb	11/23/2009	14:55	0-1	519	13.5	12 J
SW-01	Post-Construction	20091123SW-01V0-1FUN	Flood	11/23/2009	12:05	0-1	671	13.9	13 J
SW-01	Post-Construction	20091124SW-01V0-1EUN	Ebb	11/24/2009	15:45	0-1	412	11.6	15
SW-01	Post-Construction	20091124SW-01V0-1FUN	Flood	11/24/2009	12:30	0-1	410	12.6	7
SW-02	Baseline	20090812SW-02V0-1EUN	Ebb	8/12/2009	13:15	0-1	562	24.4	36
SW-02	Baseline	20090812SW-02V0-1FUN	Flood	8/12/2009	12:45	0-1	1400	25.8	70
SW-02	Baseline	20090813SW-02V0-1EUN	Ebb	8/13/2009	15:05	0-1	654	23.9	45
SW-02	Baseline	20090813SW-02V0-1FUN	Flood	8/13/2009	11:50	0-1	880	30	23
SW-02	Baseline	20090818SW-02V0-1EUN	Ebb	8/18/2009	10:00	0-1	898 J	160 J	28 J
SW-02	Baseline	20090818SW-02V0-1FUN	Flood	8/18/2009	6:45	0-1	5970 J	297 J	91 J
SW-02	Baseline	20090819SW-02V0-1EUN	Ebb	8/19/2009	10:15	0-1	1140	126	28
SW-02	Baseline	20090819SW-02V0-1FUN	Flood	8/19/2009	8:00	0-1	1840	181	26
SW-02	Baseline	20090820SW-02V0-1EUN	Ebb	8/20/2009	10:45	0-1	671	81.7	28
SW-02	Baseline	20090820SW-02V0-1FUN	Flood	8/20/2009	8:15	0-1	1240	104	38
SW-02	Baseline	20090824SW-02V0-1EUN	Ebb	8/24/2009	15:45	0-1	501	96.2	14
SW-02	Baseline	20090824SW-02V0-1FUN	Flood	8/24/2009	12:00	0-1	1200	161	17

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Wood-Ridge and Carlstadt, New Jersey

SURFACE WATER MONITORING STATION	PROJECT PHASE	SAMPLE ID	TIDE	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (Ft)	MERCURY TOTAL (ng/L)	MERCURY DISSOLVED (ng/L)	TOTAL SUSPENDED SOLIDS (mg/L)
SW-02	Baseline	20090824SW-02V3.4-3.5EUN	Ebb	8/24/2009	15:50	3.4-3.5	1170	75.2	17
SW-02	Baseline	20090824SW-02V4.9-5.0FUN	Flood	8/24/2009	12:05	4.9-5	410	122	16
SW-02	Baseline	20090825SW-02V0-1EUN	Ebb	8/25/2009	14:55	0-1	501	99.9	16
SW-02	Baseline	20090825SW-02V0-1FUN	Flood	8/25/2009	12:40	0-1	1800	99.7	18
SW-02	Baseline	20090825SW-02V4.2-4.3FUN	Flood	8/25/2009	12:45	4.2-4.3	789	120	16
SW-02	Baseline	20090825SW-02V5.9-6.0EUN	Ebb	8/25/2009	15:00	5.9-6	642	69.9	16
SW-02	Baseline	20090827SW-02V0.74-0.75EUF	Ebb	8/27/2009	7:25	0.74-0.75	392	13.9 J	14
SW-02	Baseline	20090827SW-02V0.74-0.75EUN	Ebb	8/27/2009	7:25	0.74-0.75	448	14.4 J	13
SW-02	Baseline	20090827SW-02V0-1EUN	Ebb	8/27/2009	7:20	0-1	492	15.6 J	18
SW-02	Baseline	20090827SW-02V0-1FUN	Flood	8/27/2009	11:40	0-1	997	20.4 J	31
SW-02	Baseline	20090827SW-02V1.9-2.0FUN	Flood	8/27/2009	11:45	1.9-2	1650	18.9 J	32
SW-02	Baseline	20090831SW-02V0-1ESUN	Ebb	8/31/2009	8:00	0-1	1180 J	232 J	17
SW-02	Baseline	20090831SW-02V0-1FSUN	Flood	8/31/2009	7:00	0-1	1230 J	221 J	18
SW-02	Baseline	20090831SW-02V2.9-3.0ESUN	Ebb	8/31/2009	8:05	2.9-3	791 J	228 J	16
SW-02	Baseline	20090831SW-02V3.4-3.5FSUN	Flood	8/31/2009	7:05	3.4-3.5	915 J	188 J	16
SW-02	Construction	20090903SW-02V0-1FUFD	Flood	9/3/2009	8:15	0-1	987	39.6	21
SW-02	Construction	20090903SW-02V0-1FUN	Flood	9/3/2009	8:15	0-1	1000	34.1	31
SW-02	Construction	20090904SW-02V0-1EUN	Ebb	9/4/2009	11:05	0-1	699 J	NA	23 J
SW-02	Construction	20090904SW-02V0-1FUN	Flood	9/4/2009	8:15	0-1	1220 J	NA	27 J
SW-02	Construction	20090909SW-02V0-1EUN	Ebb	9/9/2009	14:50	0-1	436	14.1	28
SW-02	Construction	20090909SW-02V0-1FUN	Flood	9/9/2009	11:00	0-1	700	9.1	31
SW-02	Construction	20090910SW-02V0-1EUN	Ebb	9/10/2009	14:55	0-1	329	6.6	17
SW-02	Construction	20090910SW-02V0-1FUN	Flood	9/10/2009	11:30	0-1	728	8.7	33
SW-02	Construction	20090915SW-02V0-1EUF	Ebb	9/15/2009	9:20	0-1	730	15.5 J	23
SW-02	Construction	20090915SW-02V0-1EUN	Ebb	9/15/2009	8:40	0-1	817	13.1 J	23
SW-02	Construction	20090915SW-02V0-1FUN	Flood	9/15/2009	16:55	0-1	1320	14.5 J	52
SW-02	Construction	20090917SW-02V0-1EUN	Ebb	9/17/2009	10:45	0-1	326	7.8	14
SW-02	Construction	20090917SW-02V0-1FUN	Flood	9/17/2009	7:00	0-1	550	10	24
SW-02	Construction	20090922SW-02V0-1EUN	Ebb	9/22/2009	14:15	0-1	1140	7.6	30
SW-02	Construction	20090922SW-02V0-1FUN	Flood	9/22/2009	10:40	0-1	757	8.8	31
SW-02	Construction	20090924SW-02V0-1EUN	Ebb	9/24/2009	15:40	0-1	973	11 J	48
SW-02	Construction	20090924SW-02V0-1FUN	Flood	9/24/2009	12:30	0-1	1480	13.3 J	31
SW-02	Construction	20090929SW-02V0-1EVN	Ebb	9/29/2009	8:30	0-1	1670	32.3	14
SW-02	Construction	20090929SW-02V0-1FUN	Flood	9/29/2009	15:45	0-1	3340	40.8	26
SW-02	Construction	20091001SW-02V0-1EUN	Ebb	10/1/2009	9:40	0-1	518	16.8	23
SW-02	Construction	20091001SW-02V0-1FUN	Flood	10/1/2009	7:05	0-1	NA	15	23
SW-02	Construction	20091006SW-02V0-1EUF	Ebb	10/6/2009	12:20	0-1	699	8.5 J	27
SW-02	Construction	20091006SW-02V0-1EUN	Ebb	10/6/2009	12:20	0-1	794	9.8 J	22
SW-02	Construction	20091006SW-02V0-1FUN	Flood	10/6/2009	9:15	0-1	941	9.5 J	34
SW-02	Construction	20091008SW-02V0-1EUN	Ebb	10/8/2009	13:45	0-1	1400	20.3	25

Table 3 - Berry's Creek/West Riser Surface Water Sampling Results (Mercury and Total Suspended Solids)
West Riser Tide Gate Sediment Removal Action
Wood-Ridge and Carlstadt, New Jersey

SURFACE WATER MONITORING STATION	PROJECT PHASE	SAMPLE ID	TIDE	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (Ft)	MERCURY TOTAL (ng/L)	MERCURY DISSOLVED (ng/L)	TOTAL SUSPENDED SOLIDS (mg/L)
SW-02	Construction	20091008SW-02V0-1FUN	Flood	10/8/2009	10:50	0-1	1570	15.6	35
SW-02	Construction	20091013SW-02V0-1EUN	Ebb	10/13/2009	7:10	0-1	1180	21.5	30
SW-02	Construction	20091013SW-02V0-1FUN	Flood	10/13/2009	15:05	0-1	1410	21.4	35
SW-02	Construction	20091015SW-02V0-1EUN	Ebb	10/15/2009	8:55	0-1	700	13.4	24
SW-02	Construction	20091015SW-02V0-1FUN	Flood	10/15/2009	7:05	0-1	559	11.1	30
SW-02	Construction	20091020SW-02V0-1EUN	Ebb	10/20/2009	13:00	0-1	484	9.7	22
SW-02	Construction	20091020SW-02V0-1FUN	Flood	10/20/2009	9:40	0-1	611	14.4	18
SW-02	Construction	20091022SW-02V0-1EUN	Ebb	10/22/2009	14:30	0-1	954	9.2	24
SW-02	Construction	20091022SW-02V0-1FUN	Flood	10/22/2009	11:05	0-1	807	10.2	24
SW-02	Construction	20091027SW-02V0-1EUN	Ebb	10/27/2009	7:45	0-1	888	30.6	12
SW-02	Construction	20091027SW-02V0-1FUN	Flood	10/27/2009	14:05	0-1	424	24.5	11
SW-02	Construction	20091029SW-02V0-1EUN	Ebb	10/29/2009	8:15	0-1	803	22.9	14
SW-02	Construction	20091029SW-02V0-1FUN	Flood	10/29/2009	14:40	0-1	964	19.5	9
SW-02	Post-Construction	20091103SW-02V0-1EUN	Ebb	11/3/2009	10:30	0-1	316	12.2	11
SW-02	Post-Construction	20091103SW-02V0-1FUN	Flood	11/3/2009	7:20	0-1	872	14.9	38
SW-02	Post-Construction	20091105SW-02V0-1EUN	Ebb	11/5/2009	11:20	0-1	595	8.7	25
SW-02	Post-Construction	20091105SW-02V0-1FUN	Flood	11/5/2009	8:15	0-1	1420	10	20
SW-02	Post-Construction	20091109SW-02V0-1EUN	Ebb	11/9/2009	15:20	0-1	429	11	19
SW-02	Post-Construction	20091109SW-02V0-1FUN	Flood	11/9/2009	12:10	0-1	885	12.4	7
SW-02	Post-Construction	20091113SW-02 V0-1EUN	Ebb	11/13/2009	8:30	0-1	413	8.4	12
SW-02	Post-Construction	20091113SW-02 V0-1FUN	Flood	11/13/2009	14:55	0-1	1480	9.8	24
SW-02	Post-Construction	20091116SW-02V0-1EUN	Ebb	11/16/2009	10:20	0-1	497	11.7	10
SW-02	Post-Construction	20091116SW-02V0-1FUN	Flood	11/16/2009	7:25	0-1	790	20.7	12
SW-02	Post-Construction	20091120SW-02V0-1EUN	Ebb	11/20/2009	12:35	0-1	701	13	10
SW-02	Post-Construction	20091120SW-02V0-1FUN	Flood	11/20/2009	9:35	0-1	1010	13.2	11
SW-02	Post-Construction	20091123SW-02V0-1EUN	Ebb	11/23/2009	14:30	0-1	400	10.6	8 J
SW-02	Post-Construction	20091123SW-02V0-1FUFD	Flood	11/23/2009	11:20	0-1	683	13	4 J
SW-02	Post-Construction	20091123SW-02V0-1FUN	Flood	11/23/2009	11:20	0-1	668	12.2	10 J
SW-02	Post-Construction	20091124SW-02V0-1EUN	Ebb	11/24/2009	15:20	0-1	421	9.7	7
SW-02	Post-Construction	20091124SW-02V0-1FUN	Flood	11/24/2009	12:05	0-1	611	10.3	7
VVFB	Baseline	20090812VVFB	---	8/12/2009	10:00	-	U	NA	NA
VVFB	Baseline	20090813VVFB	---	8/13/2009	9:00	-	NA	U	NA
VVFB	Baseline	20090818VVFB	---	8/18/2009	6:15	-	0.83 J	UJ	NA
VVFB	Baseline	20090819VVFB	---	8/19/2009	7:00	-	0.19 J	U	NA
VVFB	Baseline	20090820VVFB	---	8/20/2009	7:30	-	U	U	NA
VVFB	Baseline	20090824VVFB	---	8/24/2009	11:45	-	U	0.12 J	NA
VVFB	Baseline	20090825VVFB	---	8/25/2009	9:30	-	0.12 J	0.14 J	NA
VVFB	Baseline	20090827VVFB	---	8/27/2009	6:00	-	0.23 J	0.16 J	NA
VVFB	Baseline	20090831VVFB	---	8/31/2009	6:00	-	3.4	0.86	NA
VVFB	Construction	20090903VVFB	---	9/3/2009	7:30	-	U	U	NA

**Table 3 - Berry's Creek/West Riser Surface Water Sampling Results (Mercury and Total Suspended Solids)
West Riser Tide Gate Sediment Removal Action
Wood-Ridge and Carlstadt, New Jersey**

SURFACE WATER MONITORING STATION	PROJECT PHASE	SAMPLE ID	TIDE	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (Ft)	MERCURY TOTAL (ng/L)	MERCURY DISSOLVED (ng/L)	TOTAL SUSPENDED SOLIDS (mg/L)
VVFB	Construction	20090904VVFB	---	9/4/2009	7:00	-	0.14 J	NA	NA
VVFB	Construction	20090909VVFB	---	9/9/2009	10:00	-	0.26 J	U	NA
VVFB	Construction	20090910VVFB	---	9/10/2009	10:40	-	U	U	NA
VVFB	Construction	20090915VVFB	---	9/15/2009	8:15	-	0.44 J	U	NA
VVFB	Construction	20090917VVFB	---	9/17/2009	6:40	-	0.12 J	0.16 J	NA
VVFB	Construction	20090922VVFB	---	9/22/2009	10:00	-	0.52	0.17 J	NA
VVFB	Construction	20090923VVFB	---	9/23/2009	9:30	-	0.65	UJ	NA
VVFB	Construction	20090924VVFB	---	9/24/2009	11:30	-	U	UJ	NA
VVFB	Construction	20090929VVFB	---	9/29/2009	8:00	-	U	0.19 J	NA
VVFB	Construction	20091001VVFB	---	10/1/2009	6:30	-	U	U	NA
VVFB	Construction	20091006VVFB	---	10/6/2009	8:45	-	U	0.22 J	NA
VVFB	Construction	20091008VVFB	---	10/8/2009	9:00	-	U	0.16 J	NA
VVFB	Construction	20091013VVFB	---	10/13/2009	6:45	-	U	0.14 J	NA
VVFB	Construction	20091015VVFB	---	10/15/2009	6:45	-	U	U	NA
VVFB	Construction	20091020VVFB	---	10/20/2009	9:15	-	U	U	NA
VVFB	Construction	20091022VVFB	---	10/22/2009	10:45	-	0.13 J	0.13 J	NA
VVFB	Construction	20091027VVFB	---	10/27/2009	7:00	-	U	U	NA
VVFB	Construction	20091029VVFB	---	10/29/2009	7:30	-	U	U	NA
VVFB	Post-Construction	20091103VVFB	---	11/3/2009	6:45	-	U	0.16 J	NA
VVFB	Post-Construction	20091105VVFB	---	11/5/2009	7:55	-	U	0.13 J	NA
VVFB	Post-Construction	20091109VVFB	---	11/9/2009	10:45	-	0.14 J	U	NA
VVFB	Post-Construction	20091113VVFB	---	11/13/2009	7:50	-	0.28 J	U	NA
VVFB	Post-Construction	20091116VVFB	---	11/16/2009	7:00	-	U	0.16 J	NA
VVFB	Post-Construction	20091120VVFB	---	11/20/2009	8:20	-	U	0.14 J	NA
VVFB	Post-Construction	20091123VVFB	---	11/23/2009	11:10	-	U	U	NA
VVFB	Post-Construction	20091124VVFB	---	11/24/2009	11:50	-	U	U	NA

Notes:

Baseline Monitoring Period: August 12 through August 31, 2009.

Construction Monitoring Period: September 1, 2009 through October 29, 2009.

Post-Construction Monitoring Period: November 3, 2009 through November 24, 2009.

Acronyms:

- = Not Applicable

J = Estimated Value

mg/L = milligrams per liter

NA = Not Analyzed

ng/L = nanograms per liter

SW-01 = Upstream Monitoring Station

SW-02 = Downstream Monitoring Station

U = Not Detected

Attachment 1 – Schedule of West Riser SRAWP Activities

**West Riser Tide Gate Sediment Removal Project
Wood-Ridge, NJ**

ID	Task Name	Duration	Start	Finish	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul
1	SES Pre-Construction Submittals	34 days	Mon 8/10/09	Thu 9/24/09	219162330613202714111825118152229613202713101724311714212817142128141118251219162330613202714											
2	Mobilization and Site Preparation	15 days	Mon 8/31/09	Fri 9/18/09												
3	Install Cofferdams	21 days	Tue 9/8/09	Tue 10/6/09												
4	Install By-Pass Pumping and Dewatering Systems	19 days	Tue 9/8/09	Fri 10/2/09												
5	Operate Bypass Pumping System	17 days	Mon 9/28/09	Tue 10/20/09												
6	Excavate Sediment/ Backfill	18 days	Wed 9/30/09	Fri 10/23/09												
7	Temporary Restoration (Topsoil, Seed, Erosion Control)	3 days	Tue 10/20/09	Thu 10/22/09												
8	Remove Cofferdams/ Bypass System	8 days	Wed 10/21/09	Fri 10/30/09												
9	Decon and Demob Equipment	9 days	Thu 10/29/09	Tue 11/10/09												
10	Soil Loadout for Disposal	20 days	Wed 12/16/09	Tue 1/12/10												
11	NJMC Installs New Tide Gate (Start Date TBD)	30 days	Mon 3/1/10	Fri 4/9/10												
12	Site Restoration (Start Date TBD)	60 days	Mon 4/12/10	Fri 7/2/10												

Task

Progress

Summary

External Tasks

Deadline

Split

Milestone

Project Summary

External Milestone

Attachment 2 – Construction Water Treatment Plant Compliance Results

November 12, 2009

Chris Greene, P.E., Project Manager
PARSONS
150 Federal Street
4th Floor
Boston, MA 02110

**Re: Ventron Velsicol Superfund Site – Construction Water Treatment Plant
CWTP Effluent Test Results from Testing of Water From Area I and WRTG Work
Effluent Sample Collected on November 3, 2009**

Dear Chris:

Attached please find the laboratory data from Test America for the Construction Water Treatment Plant (CWTP) effluent sample collected on November 3, 2009. The CWTP was operated treating approximately 79,200 gallons of water from WRTG work and soil stockpile runoff during the week ending November 3rd.

Sample Collection and Data Summary

Effluent results are presented below and copies of the data sheets and chain of custody forms are attached. Test results confirm compliance with the discharge permit-by-rule effluent limits for all days of operation.

**Summary of CWTP Effluent Data
Excavation Area I and WRTG Effluent**

Parameter	11/3/09 Result, ug/l	Test America RL – ug/L	Weekly Average ug/l	NJDEP Permit Limit ug/l
Arsenic	<2.5	2.5	<2.5	3
Mercury	<0.20	0.20	<0.20	2
Thallium	<1.0	1.0	<1.0	2
Iron	<150	150	621	1,000
Manganese	52.6	10.0	417	1,000
TSS	<5,000	5,000	<5,000	5,000
Benzene	<1.0	0.2	<1.0	1

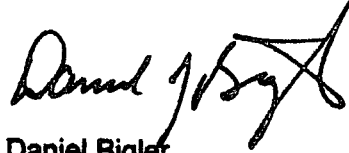
Weekly average values: When the reported value is greater than the MDL but less than the RL, a value of 50% of the RL will be used to calculate the average value. When the reported value is less than the MDL, a value of 50% of the MDL will be used to calculate the average value.
NS = not sampled.

All Testing performed by Test America, Edison, NJ.

Please contact me with any questions.

Sincerely,

BIGLER ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Daniel Bigler", with a stylized flourish at the end.

Daniel Bigler

C: J. Fettig, T. Schoenberg, D. Alesandro, L. Frey

SUMMARY OF ANALYTICAL RESULTS: 460-7536-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	Plant Effluent	
Lab Sample No.	PQLs and	PQLs and	460-7536-1	
Sampling Date	GW Quality	GW Quality	11/3/2009 3:45:00 PM	
Matrix	2000 Criteria	2005Criteria	Water	
Dilution Factor				
Units	ug/l	ug/l	ug/L	
METALS				
Arsenic	8	3	2.5	U
Iron	300	300	150	U
Manganese	50	50	52.6	
Mercury	2	2	0.20	U
Thallium	10	2	1.0	U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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TestAmerica

SUMMARY OF ANALYTICAL RESULTS: 460-7536-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	Plant Effluent
Lab Sample No.	PQLs and	PQLs and	460-7536-1
Sampling Date	GW Quality	GW Quality	11/3/2009 3:45:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			1
Units	ug/l	ug/l	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Benzene	1	1	1.0 U
Total Confident Conc.			0
Total Estimated Conc. (TICs)			0

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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TestAmerica

SUMMARY OF ANALYTICAL RESULTS: 460-7536-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	Plant Effluent
Lab Sample No.	PQLs and	PQLs and	460-7536-1
Sampling Date	GW Quality	GW Quality	11/3/2009 3:45:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			
Units			
WET CHEMISTRY			
Total Suspended Solids (mg/L)	NA	NA	10.0 U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page of

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Special Instructions * HCTALS - Fe, Hn, Tl, Hg, As TSS HDL = < 5 MG/LI Water Metals Filtered (Yes/No)

Relinquished by <i>E. Lefore</i>	Company <i>BAI</i>	Date / Time <i>11/3/09</i>	Received by <i>[Signature]</i>	Company <i>[Signature]</i>
Relinquished by 2)	Company	Date / Time 	Received by 2)	Company
Relinquished by 3)	Company	Date / Time 	Received by 3)	Company
Relinquished by 4)	Company	Date / Time 	Received by 4)	Company

Laboratory Certifications: New Jersey (1202B), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL **PROF. DR. HANNA**

Massachusetts (M-NJ312), North Carolina (No. 578)

November 24, 2009

Chris Greene, P.E., Project Manager
PARSONS
150 Federal Street
4th Floor
Boston, MA 02110

**Re: Ventron Velsicol Superfund Site – Construction Water Treatment Plant
CWTP Effluent Test Results from Testing of Water From Area I and WRTG Work
Effluent Sample Collected on November 19, 2009**

Dear Chris:

Attached please find the laboratory data from Test America for the Construction Water Treatment Plant (CWTP) effluent sample collected on November 19, 2009. The CWTP was operated treating approximately 44,033 gallons of water from WRTG work and soil stockpile runoff during the week ending November 21st.

Sample Collection and Data Summary

Effluent results are presented below and copies of the data sheets and chain of custody forms are attached. Test results confirm compliance with the discharge permit-by-rule effluent limits.

Summary of CWTP Effluent Data

Parameter	11/19/09 Result, ug/l	Test America RL – ug/L	Weekly Average ug/l	NJDEP Permit Limit ug/l
Arsenic	<2.5	0.5	<2.5	3
Mercury	0.21	0.20	0.21	2
Thallium	<1.0	0.20	<1.0	2
Iron	300	0.10	300	1,000
Manganese	50	5.0	50	1,000
TSS	<5,000	5,000	<5,000	5,000
Benzene	<1.0	0.2	<1.0	1

Weekly average values: When the reported value is greater than the MDL but less than the RL, a value of 50% of the RL will be used to calculate the average value. When the reported value is less than the MDL, a value of 50% of the MDL will be used to calculate the average value.

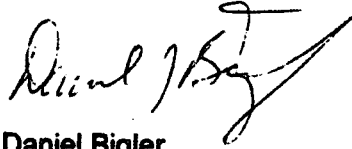
NS = not sampled.

All Testing performed by Test America

Please contact me with any questions.

Sincerely,

BIGLER ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Daniel Bigler", with a stylized flourish at the end.

Daniel Bigler

C: J. Fettig, T. Schoenberg, D. Alesandro, L. Frey

SUMMARY OF ANALYTICAL RESULTS: 460-8123-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT
Lab Sample No.	PQLs and	PQLs and	460-8123-1
Sampling Date	GW Quality	GW Quality	11/19/2009 2:10:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			
Units			
WET CHEMISTRY			
Total Suspended Solids (mg/L)	NA	NA	5.0 U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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SUMMARY OF ANALYTICAL RESULTS: 460-8123-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT
Lab Sample No.	PQLs and	PQLs and	460-8123-1
Sampling Date	GW Quality	GW Quality	11/19/2009 2:10:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			
Units	ug/l	ug/l	ug/L
METALS			
Arsenic	8	3	2.5 U
Iron	300	300	150 U
Manganese	50	50	42.3
Mercury	2	2	0.21
Thallium	10	2	1.0 U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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SUMMARY OF ANALYTICAL RESULTS: 460-8123-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT
Lab Sample No.	PQLs and	PQLs and	460-8123-1
Sampling Date	GW Quality	GW Quality	11/19/2009 2:10:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			1
Units	ug/l	ug/l	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Benzene	1	1	1.0 U
Total Confident Conc.			0
Total Estimated Conc. (TICs)			0

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Special Instructions		Water Metals Filtered (Yes/No)?	
Relinquished by	Company	Date / Time	Received by
Relinquished by	Company	Date / Time	Received by
Relinquished by	Company	Date / Time	Received by
Relinquished by	Company	Date / Time	Received by

IAI - 0016 014041

Massachusetts (M-NJ312). North Carolina (No. 578)

December 10, 2009

Chris Greene, P.E., Project Manager
PARSONS
150 Federal Street
4th Floor
Boston, MA 02110

**Re: Ventron Velsicol Superfund Site – Construction Water Treatment Plant
CWTP Effluent Test Results from Testing of Water OU1 and WRTG Soil Stockpile
and Decontamination Area
Effluent Sample Collected on November 30, 2009**

Dear Chris:

Attached please find the laboratory data from Test America for the Construction Water Treatment Plant (CWTP) effluent sample collected on November 30, 2009. The CWTP was operated treating approximately 22,600 gallons of water from WRTG work and soil stockpile runoff during the week ending December 5, 2009.

Sample Collection and Data Summary

Effluent results are presented below and copies of the data sheets and chain of custody forms are attached. Test results confirm compliance with the discharge permit-by-rule effluent limits.

Summary of CWTP Effluent Data

Parameter	11/30/09 Result, ug/l	Test America RL – ug/L	Weekly Average ug/l	NJDEP Permit Limit ug/l
Arsenic	<2.5	0.5	<2.5	3
Mercury	<0.20	0.20	<0.20	2
Thallium	<1.0	0.20	<1.0	2
Iron	<150	0.10	<150	1,000
Manganese	279	5.0	279	1,000
TSS	<5,000	5,000	<5,000	5,000
Benzene	<1.0	0.2	<1.0	1

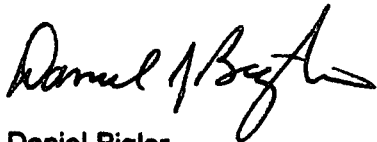
Weekly average values: When the reported value is greater than the MDL but less than the RL, a value of 50% of the RL will be used to calculate the average value. When the reported value is less than the MDL, a value of 50% of the MDL will be used to calculate the average value.
NS = not sampled.

All Testing performed by Test America

Please contact me with any questions.

Sincerely,

BIGLER ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Daniel Bigler", with a stylized flourish at the end.

Daniel Bigler

C: J. Fettig, T. Schoenberg, D. Alesandro, L. Frey

TestAmerica

SUMMARY OF ANALYTICAL RESULTS: 460-8404-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT
Lab Sample No.	PQLs and	PQLs and	460-8404-1
Sampling Date	GW Quality	GW Quality	11/30/2009 1:00:00 PM
Matrix	2000 Criteria	2005Criteria	Water
Dilution Factor			1
Units	ug/l	ug/l	ug/L
VOLATILE COMPOUNDS (GC/MS)			
Benzene	1	1	1.0 U
Total Confident Conc.			0
Total Estimated Conc. (TICs)			0

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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SUMMARY OF ANALYTICAL RESULTS: 460-8404-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT	
Lab Sample No.	PQLs and	PQLs and	460-8404-1	
Sampling Date	GW Quality	GW Quality	11/30/2009 1:00:00 PM	
Matrix	2000 Criteria	2005Criteria	Water	
Dilution Factor				
Units	ug/l	ug/l	ug/L	
METALS				
Arsenic	8	3	2.5	U
Iron	300	300	150	U
Manganese	50	50	279	
Mercury	2	2	0.20	U
Thallium	10	2	1.0	U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

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TestAmerica

SUMMARY OF ANALYTICAL RESULTS: 460-8404-1

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	PLANT EFFLUENT	
Lab Sample No.	PQLs and	PQLs and	460-8404-1	
Sampling Date	GW Quality	GW Quality	11/30/2009 1:00:00 PM	
Matrix	2000 Criteria	2005Criteria	Water	
Dilution Factor				
Units				
WET CHEMISTRY				
Total Suspended Solids (mg/L)	NA	NA	5.0	U

NR: Not analyzed.

U: Indicates the analyte was analyzed for but not detected.

Generated on 12/8/2009 1:07:26 PM

CHAIN OF CUSTODY / ANALYSIS REQUEST

THE LEADER IN ENVIRONMENTAL TESTING

Page ____ of ____

[illegible]

Special Instructions ^W MLMS = Hs, TL, As, Fe, Mn; TSS MPL = < \$-mch Water Metals Filtered (Yes/No)

Relinquished by	Company	Date / Time	Received by	Company
1) <i>[Signature]</i>	<i>BAI</i>	<i>12/1/09 0915</i>	<i>[Signature]</i>	<i>Test America</i>
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (66-522), Connecticut (PH-0200), Rhode Island (132).

124. - 0010 (14071)

Massachusetts (M-NJ312), North Carolina (No. 578)

Attachment 3 – Waste Characterization Testing

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO.. 445301

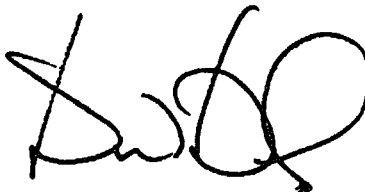
Rohm&Haas, West Riser Tide Gate

Lot #: C9K180594

Chris Greene

Parsons Corporation
150 Federal Street
4th Floor
Boston, MA 02110-1713

TESTAMERICA LABORATORIES, INC.



Dave Dunlap
Project Manager

November 23, 2009

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California - NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - NELAC	(#E871008-04)	WW	X
		HW	X
Illinois - NELAC	(#002064)	WW	X
		HW	X
Kansas - NELAC	(#E-10350)	WW	X
		HW	X
Louisiana - NELAC	(#04041)	WW	X
		HW	X
New Hampshire - NELAC	(#203008)	WW	X
		-	-
New Jersey - NELAC	(PA-005)	WW	X
		HW	X
New York - NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	WW	X
		HW	X
Utah - NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification
 WW Non-potable Water and/or Wastewater certification
 X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 2/5/2009 C:\Documents and Settings\derubeis\My Documents\NELAC NARRATIVE Pittsburgh.doc

**CASE NARRATIVE
Parsons Corporation
Rohm & Haas**

Lot # C9K180594

Sample Receiving:

TestAmerica's Pittsburgh laboratory received samples on November 18, 2009. The cooler was received at ambient temperature.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

General Chemistry:

pH is a field parameter. Laboratory pH analysis was completed at the request of the client.

METHODS SUMMARY

C9K180594

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Soil and Waste pH	SW846 9045C	SW846 9045C

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C9K180594

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LPPVM	001	200911170301C	11/17/09	11:00
LPPVP	002	200911170302C	11/17/09	11:05
LPPVR	003	200911170303C	11/17/09	11:10
LPPVT	004	200911170304C	11/17/09	11:15
LPPVV	005	200911170305C	11/17/09	11:20

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

[illegible]

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison & ☐ Unknown

Sample Dispose!

☐ **Return To Client**

☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days

~~It~~ other 5 day

QC Requirements (Specify)

1. Relinquished By <i>Anthony Brincardi</i>	Date <i>11/17/09</i>	Time <i>1200</i>	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By <i>[Signature]</i>	Date <i>11/18/09</i>	Time <i>1200</i>

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Cooler Receipt Form
TestAmerica Pittsburgh

Client: PARSONS Project: _____ Quote: 7-540

Cooler Rec'd & Opened for Temp. Check on: 11/18/05

Coolers Opened and Unpacked on: 11/18/05 By: JD

(Signature)

TestAmerica Pittsburgh Lot Number: C9K180594

	Yes	No	NA
1. Were custody seals on the outside of the cooler? _____	_____	<u>/</u>	_____
If YES, how many and where? Quantity _____ Location _____			
Were signatures and date correct? _____			
2. Were custody papers included inside the cooler? _____	<u>/</u>	_____	_____
3. Were custody papers properly filled out (ink, signed, match labels)? _____	<u>/</u>	_____	_____
4. Did you sign the custody papers in the appropriate place? _____	<u>/</u>	_____	_____
5. Was shippers packing slip attached to this form? _____	<u>/</u>	_____	_____
6. Were packing materials used? _____	<u>/</u>	_____	_____
If YES, what type? <u>FOAM</u>			
7. Were the samples received within the acceptable temperature range? _____	_____	_____	<u>/</u>
8. Were the samples appropriately preserved? _____	_____	_____	<u>/</u>
9. Were all bottles sealed in separate plastic bags? _____	_____	<u>/</u>	_____
10. Did all bottles arrive in good condition (unbroken)? _____	<u>/</u>	_____	_____
11. Were all bottle labels complete (sample ID, preservatives, etc.)? _____	<u>/</u>	_____	_____
12. Did all bottle labels and/or tags agree with custody papers? _____	<u>/</u>	_____	_____
13. Were correct bottles used for tests indicated? _____	<u>/</u>	_____	_____
14. Were all VOA vials checked for the presence of air bubbles? _____	_____	_____	<u>/</u>
15. Was a sufficient amount of sample sent in each bottle? _____	<u>/</u>	_____	_____
16. Samples received by: FEDEX <u>UPS</u> CLIENT DROP-OFF OTHER DHL US CARGO			

Explain any discrepancies: _____

Level 2 Review _____
Was contacted on _____ by _____ to resolve discrepancies.

C9K180594

9

13/17/2000 (1 - 24)

TONY BERNARDI
781 858 7526
PARSONS - WOOD-RIDGE
5 PARK PLACE EAST
WOOD RIDGE NJ 07075

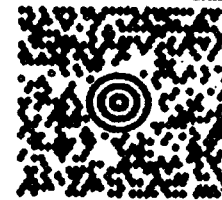
10 LBS

DWTR12.11.11

1 C. J

SHIP TO:

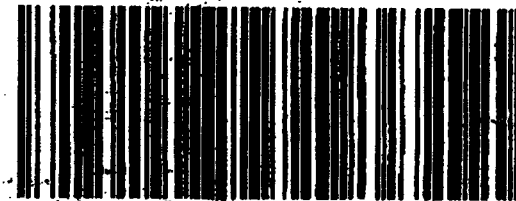
DAVE DUNLAP
4129632432
TESTAMERICA INC.
301 ALPHA DRIVE
PITTSBURGH PA 15238



PA 152 9-20



UPS NEXT DAY AIR SAVER 1P
TRACKING #: 1Z 2W2 657 13 9172 6913



BILLING: P/P

Reference No.1: 445301-03000
Reference No.2: WRTG

201.09.07.23

INVEST. IN. PA. 10. 2000



TM

GENERAL CHEMISTRY DATA

Rohm&Haas, West Riser Tide Gate

pH

Lab Name: TESTAMERICA PITTSBURGH

Method: SW846 9045C

Client Name: Parsons Corporation

Lot Number: C9K180594

Matrix: SOLID

pH - Non-Aqueous

Client Sample ID	Sample Number	Workorder	Result	Units	Method Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
200911170301C	C9K180594 001	LPPVM1AC	12.0	-	0.0		1	11/19/2009 - 11/19/2009 22:14	9323525
200911170302C	C9K180594 002	LPPVP1AC	11.8	-	0.0		1	11/19/2009 - 11/19/2009 22:18	9323525
200911170303C	C9K180594 003	LPPVR1AC	11.7	-	0.0		1	11/19/2009 - 11/19/2009 22:20	9323525
200911170304C	C9K180594 004	LPPVT1AC	11.7	-	0.0		1	11/19/2009 - 11/19/2009 22:22	9323525
200911170305C	C9K180594 005	LPPVV1AC	11.7	-	0.0		1	11/19/2009 - 11/19/2009 22:24	9323525

Rohm&Haas, West Riser Tide Gate

pH

Lab Name: TESTAMERICA PITTSBURGH

Method: SW846 9045C

Client Name: Parsons Corporation

Report ID: C9K180594

Matrix: SOLID

Date/Time Received: 11/18/2009 9:50:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
200911170301C DUP	001 DUP	LPPVM1AD	11.9	-		11/18/2009 - 11/18/2009 22:16	9323525	0.25 / 2.0

pH

Lab Name: TESTAMERICA PITTSBURGH

Method: SW846 9045C

Client Name: Parsons Corporation

Lot Number: C9K180000

Matrix: SOLID

Date/Time Received: 11/18/2009 9:50:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	LPR4J1AA	100	99 - 101	11/18/2009 - 11/18/2009 22:12	9323525	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

(Pittsburgh)

Parameter: PH

9040, 9045C, 9040C,

4500-H+B, SM20

LOT NUMBER(S)

BATCH

C9K180594

9323525

C9K190456

↓

C9K190455

9323570

C9K190519

↓

C9K190442

9323575

C9K190456

9323573

C9K190417

↓

C9K180599

9323566

C9K180602

↓

C9K180603

PH SOLID
Method: 9045C

Analyst: modin
Date: 11/19/2009
Start Time: 10:10:00PM
Settling Time: - :
Balance: 1126472457
pH Instrument: AR81202030
Main Batch: 9323525

Location: Pittsburgh
pH Meter Calibration:

Reading	Buffer	Buffer Manufacturer Lot#	Date Rec'd	Date Exp	LCS ID#: STD2855-09
4.02	4.0	<u>RICCA 190204</u>	<u>03/09/09</u>	<u>01/31/11</u>	Manufacturer Lot#: RICCA 1804215
6.95	7.0	<u>RICCA 190348</u>	<u>5/29/09</u>	<u>3/30/11</u>	Date Received: 05/07/09
9.97	10.0	<u>RICCA 190136</u>	<u>04/17/09</u>	<u>07/31/10</u>	Expiration Date: 11/30/10
Slope: 97.5					Range = +/- .05 pH units

Relative Percent Difference:

$$\frac{X1 - X2}{\frac{X1 + X2}{2}} \times 100$$

X1 = Original Result
X2 = Duplicate

Work Order	PH	PH	PH	Time	Temp	%Recovery	RPD	Method Code	Batch
LPR4J1AA 000-525C			7.01	2212	22.10	100.14		OZ	9323525
LPPVM1AC 594-1			11.96	2214	22.10			OZ	9323525
LPPVM1AD 594-1X			11.93	2216	22.10		0.25	OZ	9323525
LPPVP1AC 594-2			11.76	2218	22.10			OZ	9323525
LPPVR1AC 594-3			11.72	2220	22.20			OZ	9323525
PVT1AC 594-4			11.73	2222	22.00			OZ	9323525
LPVV1AC 594-5			11.74	2224	22.10			OZ	9323525
LPQRJ1AF 456-5			9.19	2226	22.10			OZ	9323525
CV19323525 CCV1			8.97	2228	21.90	99.57		OZ	9323525

Analyst: Manu Modi Date: 11-19-09

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

PH SOLID
Method: 9045C

Analyst: modin
Date: 11/19/2009
Start Time: 9:58:00PM
Settling Time: : :
Balance: 1126472457
pH Instrument: AR81202030
Main Batch: 9323526

Location: Pittsburgh
pH Meter Calibration:

Reading	Buffer	Buffer Manufacturer Lot#	Date Rec'd	Date Exp	LCS ID#
4.02	4.0	<u>RICCA 190204</u>	<u>03/09/09</u>	<u>01/31/11</u>	STD2855-09
6.95	7.0	<u>RICCA 190348</u>	<u>5/29/09</u>	<u>3/30/11</u>	Manufacturer Lot#: RICCA 1804215
9.97	10.0	<u>RICCA 180138</u>	<u>04/17/09</u>	<u>07/31/10</u>	Date Received: 05/07/09
					Expiration Date: 11/30/10

Slope: 97.5

Range = +/- .05 pH units

Relative Percent Difference:

$$\left(\frac{X1 - X2}{\frac{X1 + X2}{2}} \right) \times 100$$

X1 = Original Result
X2 = Duplicate

Work Order	PH	PH	PH	Time	Temp	%Recovery	RPD	Method Code	Batch
LPR4W1AA 000-528C			7.01	2158	22.10	100.14		OZ	9323526
LPPWP1AP 599-1			5.68	2200	21.80			OZ	9323526
LPPWP1AQ 599-1X			5.68	2202	22.10		0.00	OZ	9323526
LPPW51AP 602-1			4.83	2204	22.20			OZ	9323526
LPPXW1AE 603-1			10.20	2208	22.10			OZ	9323526
CV19323526 CCV1			7.01	2208	21.90	100.14		OZ	9323526

Analyst: Manu Modi Date: 11-19-09

PH LIQUID
Method: 4500-H+B

Analyst: modim
Date: 11/19/2009
Start Time: 9:34:00PM
Settling Time: - :
Balance: 1126472457
pH Instrument: AR81202030
Main Batch: 9323570

Location: Pittsburgh
pH Meter Calibration:

Reading	Buffer	Buffer Manufacturer Lot#	Date Rec'd	Date Exp	LCS ID#
4.02	4.0	RICCA 190204	03/08/09	01/31/11	STD2855-09
6.95	7.0	RICCA 190348	5/29/09	3/30/11	Manufacturer Lot#: RICCA 1804215
9.97	10.0	RICCA 190136	04/17/09	07/31/10	Date Received: 05/07/09
					Expiration Date: 11/30/10
Slope: 97.5					Range = +/- .05 pH units

Relative Percent Difference:

$$\frac{X1 - X2}{\frac{X1 + X2}{2}} \times 100$$

X1 = Original Result
X2 = Duplicate

Work Order		PH	PH	PH	Time	Temp	%Recovery	RPD	Method Code	Batch
LTPD1AA	000-570C	7.03	7.03	7.03	2126	21.90	100.43		9E	9323570
LPQQR1AD	455-1	6.94	6.94	6.94	2138	21.00			9E	9323570
LPQQR1AF	455-1X	6.96	6.96	6.96	2140	20.90		0.29	9E	9323570
LPQX1AD	455-2	7.02	7.03	7.03	2142	20.80			9E	9323570
LPQ7L1CK	518-1	6.59	6.59	6.59	2144	20.70			9E	9323570
TRC51CK	518-2	5.58	5.58	5.58	2146	20.90			9E	9323570
RDC1CK	519-3	5.84	5.84	5.84	2148	21.10			9E	9323570
LPRDD1CK	519-4	7.32	7.33	7.33	2150	21.20			9E	9323570
PRDE1CK	519-5	5.73	5.73	5.72	2152	21.50			9E	9323570
CCV19323570	CCV1	7.03	7.03	7.03	2154	21.80	100.43		9E	9323570

Analyst: Modi Date: 11-19-09

PH LIQUID
Method: 9040C

Analyst: modim
Date: 11/19/2009
Start Time: 9:10:00PM
Settling Time: :-
Balance: 1126472457
pH Instrument: AR81202030
Main Batch: 9323573

Location: Pittsburgh
pH Meter Calibration:

Reading	Buffer	Buffer Manufacturer Lot#	Date Rec'd	Date Exp	LCS ID#
4.02	4.0	RICCA 190204	03/09/09	01/31/11	STD2855-09
6.95	7.0	RICCA 190348	5/29/09	3/30/11	Manufacturer Lot#: RICCA 1804215
9.97	10.0	RICCA 180136	04/17/09	07/31/10	Date Received: 05/07/09
					Expiration Date: 11/30/10
Slope: 97.5					Range = +/- .05 pH units

$$\text{Relative Percent Difference:} \\ \left(\frac{X1 - X2}{\frac{X1 + X2}{2}} \right) \times 100$$

X1 = Original Result
X2 = Duplicate

Work Order		PH	PH	PH	Time	Temp	%Recovery	RPD	Method Code	Batch
LPTPC1AA	000-573C	7.01	7.01	7.01	2112	21.80	100.14		94	9323573
LPQER1AC	417-1	7.79	7.79	7.80	2114	21.00			94	9323573
LPQER1AD	417-1X	7.80	7.80	7.80	2116	20.80		0.00	94	9323573
LPQE01AC	417-2	7.71	7.71	7.71	2118	20.50			94	9323573
LPQE31AC	417-3	7.80	7.81	7.82	2120	20.40			94	9323573
LPQE51AC	417-4	7.80	7.80	7.80	2122	21.00			94	9323573
LPQE71AC	417-5	7.77	7.77	7.77	2124	21.00			94	9323573
LPQE91AC	417-8	7.80	7.81	7.81	2128	21.10			94	9323573
LPQFA1AC	417-7	7.49	7.49	7.50	2128	21.30			94	9323573
LPQRE1A8	458-4	9.84	9.84	9.84	2130	21.20			94	9323573
CCV19323573	CCV1	7.01	7.01	7.01	2132	21.70	100.14		94	9323573

Analyst: Hans Modi Date: 11-19-09

PH LIQUID
Method: 9040

Analyst: modim
Date: 11/19/2009
Start Time: 9:00:00PM
Settling Time: :-
Balance: 1126472457
pH Instrument: AR81202030
Main Batch: 9323575

Location: Pittsburgh
pH Meter Calibration:

Reading	Buffer	Buffer Manufacturer Lot#	Date Rec'd	Date Exp	LCS ID#
4.02	4.0	<u>RICCA 190204</u>	<u>03/09/09</u>	<u>01/31/11</u>	STD2855-09
6.95	7.0	<u>RICCA 190348</u>	<u>5/29/09</u>	<u>3/30/11</u>	Manufacturer Lot#: RICCA 1804215
9.97	10.0	<u>RICCA 190136</u>	<u>04/17/09</u>	<u>07/31/10</u>	Date Received: 05/07/09
					Expiration Date: 11/30/10

Slope: 97.5

Range = +/- .05 pH units

Relative Percent Difference:

$$\frac{X1 - X2}{\frac{X1 + X2}{2}} \times 100$$

X1 = Original Result
X2 = Duplicate

Work Order		PH	PH	PH	Time	Temp	%Recovery	RPD	Method Code	Batch
LPTN81AA	000-575C	7.00	7.00	7.00	2102	21.80	100.00		FJ	9323575
LPQMJ1AM	442-1	10.22	10.23	10.23	2104	21.20			FJ	9323575
LPQMJ1AN	442-1X	10.22	10.22	10.23	2106	21.30		0.00	FJ	9323575
CCV19323575	CCV1	7.03	7.02	7.02	2108	21.70	100.29		FJ	9323575

Yst: Modi Date: 11-19-09

TESTED BY: MODIM

METHOD: FJ pH (9040) - Aqueous

9823575

STORAGE LOCATION	WORK ORDER #	PICKED DATE	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMP#	SYN	MATRIX DESCRIPTION	QTY RCVD	QTY REQD
19E	LPQMT-1-AM		739791	117832	I-88-FJ C9K190442	001			WATER	1	1

RELINQUISHED BY

RECEIVED BY

DATE/TIME

Mann Modi

Mann Modi

Sp. rec. custodian not present

11-19-09 1645

11-19-09 2300

***** END OF REPORT *****

ESTED BY: MODIM

MOD: 94 pH (9040C) - Aqueous

9328573

STORAGE LOCATION	WORK ORDER #	PICKED CNTR#	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMP#	BFX	MATRIX DESCRIPTION	QTY	QTY
										RCVD	REQD
18C	LPQER-1-AC	---	739783	339021	I-88-94	C9K190417	001		WATER	1	1
18C	LPQER-1-AC	---	739784	339021	I-88-94	C9K190417	002		WATER	1	1
18C	LPQER-1-AC	---	739785	339021	I-88-94	C9K190417	003		WATER	1	1
18C	LPQER-1-AC	---	739786	339021	I-88-94	C9K190417	004		WATER	1	1
18C	LPQER-1-AC	---	739787	339021	I-88-94	C9K190417	005		WATER	1	1
18C	LPQER-1-AC	---	739788	339021	I-88-94	C9K190417	006		WATER	1	1
18C	LPQFA-1-AC	---	739789	339021	I-88-94	C9K150417	007		WATER	1	1
18D	LPQRE-1-A6	---	739790	131369	I-88-94	C9K190456	004		WATER	5	1

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<i>Modi</i>	<i>Modi</i>	11-19-09 1645
	<i>for rec custodian not present</i>	11-19-09 2300

***** END OF REPORT *****

F TIED BY: MODIN

METHOD: 9E pH (4500-N+B, SM20, Electrometric)

9323570

<u>STORAGE LOCATION</u>	<u>WORK ORDER #</u>	<u>PICKED</u> <u>CNTR#</u>	<u>CONTROL #</u>	<u>CLIENT #</u>	<u>ANALYSIS</u>	<u>LOTID</u>	<u>SMP#</u>	<u>SFX</u>	<u>MATRIX</u> <u>DESCRIPTION</u>	<u>QTY</u> <u>RCVD</u>	<u>QTY</u> <u>REQD</u>
18D	LPOOR-1-AD	— — —	739792	377138	I-88-9E	C9K190455	001		WATER	7	1
18D	LPOOK-1-AD	— — —	739793	377138	I-88-9E	C9K190455	002		WATER	7	1
19B CLP1	LPQ7L-1-CK	— — —	739794	357464	I-88-9E	C9K190519	001		WATER	8	1
19B CLP1	LPRCS-1-CK	— — —	739795	357464	I-88-9E	C9K190519	002		WATER	8	1
19B CLP1	LPRDC-1-CK	— — —	739796	357464	I-88-9E	C9K190519	003		WATER	8	1
19B CLP1	LPRDD-1-CK	— — —	739797	357464	I-88-9E	C9K190519	004		WATER	8	1
19B CLP1	LPRDE-1-CK	— — —	739798	357464	I-88-9E	C9K190519	005		WATER	8	1

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Manni Modi

11-19-09 1645

sd rec custodian not present

11-19-09 2300

***** END OF REPORT *****

TESTED BY: MCDIM

METHOD: 02 pH (9045C) - Non-Aqueous

STORAGE LOCATION	WORK ORDER #	PICKED CNTR#	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMPL	SFX	MATRIX DESCRIPTION	QTY RCVD	QTY REQD
18D	LPQRJ-1-AF		739782	131369	A-88-02	C9K190456	005		SOLID	43 23525	3 1

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Mammi Machi

1-19-09 1645

sp1 rec custodian not present

11-19-09 2300

***** END OF REPORT *****

TESTED BY: MODIK

METHOD: OE pH (9045C) - Non-Aqueous

STORAGE LOCATION	WORK ORDER #	PICKED CENTR#	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMP#	SPK	MATRIX DESCRIPTION	QTY	QTY
										RCVD	REQD
18C	LPPVM-1-AC	---	739666	490951	A-88-OZ C9K180594	001	Dup		SOLID	1	1
18C	LPPVP-1-AC	---	739667	490951	A-88-OZ C9K180594	002			SOLID	1	1
18C	LPPVR-1-AC	---	739668	490951	A-88-OZ C9K180594	003			SOLID	1	1
18C	LPPVT-1-AC	---	739669	490951	A-88-OZ C9K180594	004			SOLID	1	1
18C	LPPVV-1-AC	---	739670	490951	A-88-OZ C9K180594	005			SOLID	1	1
18E	LPPWF-1-AP	---	739671	117832	N-88-OZ C9K180599	001	Dup		WASTE	1	1
18E	LPPWS-1-AP	---	739672	117832	N-88-OZ C9K180602	001			WASTE	1	1
18E	LPPXW-1-AS	---	739673	117832	N-88-OZ C9K180603	001			WASTE	1	1

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<i>Mami Modis</i>	<i>Mami Modis</i>	<i>11-19-09 1630</i>
	<i>sal & custodian not present</i>	<i>11-19-09 1300</i>

***** END OF REPORT *****